



## Application for Certification as an Eligible Energy Resource Under the Delaware Renewable Energy Portfolio Standard

1. Name of Generation Unit<sup>1</sup>

1991801

2. Generation Unit Address

30745 Redtail Court

Ocean View, DE 19970

2a. Is the Generation Unit located within the PJM control area?

☒ Yes ☐ No

2b. If No, does the Generation Unit have capabilities to be imported into PJM?<sup>23</sup>

☐ Yes ☐ No

2b1. Include NERC Tags (if Applicable; Other documentation may be required)

3. Name of Owner

Presidio Solar II, LLC

Mailing Address

12832 South Frontrunner Blvd, Draper, UT 84020

Phone (702) 680-6644

Email incentives.SREC@tesla.com

☐ Same as Contact Person

<sup>1</sup> 26 Del. C. §352(11).

<sup>2</sup> 26 Del. C. §352 (6).

<sup>3</sup> Documentation will be required to substantiate import capabilities into PJM.



4. Name of Contact Person

Carly Hamilton

Mailing Address

6611 Las Vegas Blvd S. Ste 200

Las Vegas, NV 89119

Phone (702) 680-6644

Email incentives.SREC@tesla.com

5. Operational Characteristics: <sup>4</sup>

Fuel Types Used (check all that apply):

☐ Gas combustion from the anaerobic digestion of organic material

☐ Geothermal

☐ Ocean, wave or tidal actions, currents, or thermal differences

☐ Biomass

☐ Fuel Cells

☐ Hydroelectric

☐ Methane Gas captured from a landfill gas recovery system

☒ Solar

☐ Wind

\*If co-firing with fossil fuels, attach the allocation formula on file with PJM;  
co-fire start date \_\_\_\_\_

\*If multiple fuel types are utilized, attach the formula for computing the portion  
of output per fuel type

5a. **Rated Capacity (in MW, not including battery storage)**<sup>5</sup> 0.011395

5b. **Generation Unit's Final Approved Interconnection Date** 03/03/2016

<sup>4</sup> 26 Del. C. §352(6).

<sup>5</sup> Behind the meter Solar capacity should be entered in MW DC.



6. Is the Applicant's Generation Unit customer-sited generation?<sup>6</sup>

☐ Yes      ☐ No

6a. Is the meter that measures generation a revenue grade meter?

☐ Yes      ☐ No

7. Is the Applicant's Generation Unit a community owned generating facility?<sup>7</sup>

☐ Yes      ☐ No

8. Does the Applicant's Generation Unit have battery storage?

☐ Yes      ☐ No

If Yes, please answer a.-c.

8a. Can the Generation Unit's renewable energy generation be metered prior to any battery storage?

☐ Yes      ☐ No

8b. What is the battery energy capacity in kWh? \_\_\_\_\_

8c. What is the battery charge/discharge rating in kW AC? \_\_\_\_\_

9. If the Applicant's installation is solar or wind sited in Delaware:

9a. Was the Generation Unit physically constructed or installed with a workforce that consists of at least 75% Delaware residents?

☐ Yes<sup>8</sup>      ☒ No

9b. Does the installing company employ, in total, a minimum of 75% workers who are Delaware residents?

☐ Yes<sup>8</sup>      ☒ No

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<sup>6</sup> 26 Del. C. §352(4) - "Customer-sited Generation" means a generating unit that is interconnected on the end use customer's side of the retail electricity meter in such a manner that it displaces all or part of the metered consumption of the end-use customer.

<sup>7</sup> 26 Del. C. §1001(5) - "Community-owned Energy Generating Generation Unit" means a renewable energy generating Generation Unit that has multiple owners or customers who share the output of the generator, which may be located either as a stand-alone Generation Unit or behind the meter of a participating owner or customer. The Generation Unit shall be interconnected to the distribution system and operated in parallel with an electric distribution company's transmission and distribution facilities.

<sup>8</sup> If Yes, please attach supporting documentation (see page 6 for details). Please note, in order to qualify for the Labor/Workforce Bonus, at least one of the options (a. or b.) must be met.



Tesla Energy Operations, Inc.

Company Name of Installer

12832 South Frontrunner Blvd, Draper, UT 84020

Address

*Carly Hamilton*

Signature of Company Representative

Carly Hamilton

Print Name of Company Representative

10. If the Applicant's installation is solar or wind sited in Delaware, is a minimum of 50% of the cost of the renewable energy equipment, inclusive of mounting components, manufactured in Delaware?

☐ Yes\*

☒ No

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Company Name of Installer

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Address  
Draper, UT 84020

Address

*Carly Hamilton*

Signature of Company Representative

Carly Hamilton

Print Name of Company Representative

**\*If Yes, please attach the following documentation:**

- A copy of the supplier's invoice showing Delaware manufactured equipment with this facility identified
  - If the supplier's invoice shows only a coded Purchase Order (PO) number, a copy of the company's matching PO that includes the address where the materials were used/installed, must also be supplied
  - If using a master invoice, a record of the draws against the purchased quantity, on the master invoice, must show the address of each use and the quantity of material used



I, Carly Hamilton (print name) hereby certify under penalty of perjury that

1. I have made reasonable inquiry, and the information contained in this Application is true and correct to the best of my knowledge, information and belief.
2. I am authorized to submit and execute this Application and to bind myself and/or my company to the representations contained herein.
3. I /my company agree(s) to comply with and be subject to the jurisdiction of the Public Service Commission of the State of Delaware for any matters arising out of my submission of this Application or the granting of the Application.
4. In the event that any of the information contained in this Application changes pending the consideration of this Application or after the Application is granted, I/my company will amend the Application to provide the Commission with such changed information.
5. I acknowledge that if any of the representations made in this Application or in any amendment thereto are found to be untrue when made, I/the company may be subject to sanctions, including but not limited to monetary fines and/or the revocation of any Certificate granted as a result of the representations made in this Application.

Signature: Carly Hamilton

Date: 4/24/2019

Company Name (if applicable): Tesla Energy Operations, Inc.

Position Title (if applicable): Utility Relations Specialist



**Required Documentation:**

- If the Generation Unit is customer-sited generation, attach a copy of the utility's **Final Approved Interconnection Agreement**. The Agreement must include Generation Unit Address, Nameplate Capacity, and Interconnection Date.
- A copy of U.S. Department of Energy, Energy Information Administration Form EIA-860, if rated capacity **is >1.0 MW** and a copy of the **Final Approved Interconnection Agreement** including Generation Unit Address, Nameplate Capacity, and Interconnection Date.



## Documentation Required for Delaware Labor/Workforce Bonus

10. If the Applicant's installation is solar or wind sited in Delaware:

- Was the Generation Unit physically constructed or installed with a workforce that consists of at least 75% Delaware residents?
- Does the installing company employ, in total, a minimum of 75% workers who are Delaware residents?

If you answered yes to "a", list all employees used as direct labor (physical construction and installation) for this Generation Unit: (Attach additional sheets if necessary)

If you answered yes to "b", list EVERY employee on the payroll during the period from project start date until project completion date. Projects are considered complete upon final interconnection approval to operate: (Attach additional sheets if necessary)

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Installation Company Name

Project Start Date: \_\_\_\_\_ Project Complete Date: \_\_\_\_\_

Employee Full Name	Home Address City, State Only (As per Tax Withholding)	Social Security Number (Last 2 digits Only)

Total Delaware Resident Employees: \_\_\_\_\_ Total Number of Employees: \_\_\_\_\_

% of Delaware Residents (Delaware Residents Divided by Total Employees): \_\_\_\_\_

# Delaware Electric Cooperative

"Owned By Those We Serve"

## Generator Interconnection Application

(For Use with Generators 25 kW or Less)

For **applications received on and after September 1, 2010** applicant (Generator Owner) makes application to Delaware Electric Co-op to install and operate a generating facility of 25kW or less interconnected with the Delaware Electric Co-op Power utility system.

**Section 1: Applicant Information** Is the following system: Leased ☒ or Member Owned ☐

Name: Morris Bosin

Mailing Address: 30745 Redtail Ct

City: Ocean View State: DE Zip Code: 19970

Facility Location (if different from above): 30745 Redtail Ct Ocean View, DE 19970

Telephone (Daytime): (703) 477-0681 (Evening): \_\_\_\_\_

Delaware Electric Account No.: 10926301 Rate Code: 1B2

### Section 2: Generator Technical Information

Is Generator powered from a Renewable Energy Source: Yes ☒ No ☐

Type of Qualifying Energy Source (if applicable): Solar ☒ Wind ☐ Other \_\_\_\_\_

**GENERATOR** (or solar collector) Manufacturer, Model Name & Number: Hanwha SolarOne (Qidong)

Q.PRO G4/SC 43 Total Installed Out Power Rating in kW: 11.40

**INVERTER** Manufacturer, Model Name & Number (if used): ABB

PVI-5000-OUTD-US-Z-A-RGM PVI-5000-OUTD-US-Z-A-RGM 2 Rating in kW: 10.00 kW

**A manual lockable disconnect device with a visible opening shall be installed within 3 feet of the DEC meter linked to the generating system and accessible at all times by DEC personnel, by and at the cost of the owner.**

### Section 3: Generator/Equipment Certification

Generating systems that utilize inverter technology must be compliant with *IEEE 1547* and *Underwriters Lab. UL 1741*. Generating systems that use a rotating machine must be compliant with Delaware Electric Co-op's *Technical Requirements For Parallel Operation of Member Owned Generation* document. **By signing below, the Applicant certifies that the installed generating equipment meets the appropriate preceding requirement(s) and can supply documentation that confirms compliance.**

Name (print): Morris Bosin

Signed (Applicant):

Morris Bosin

Date:

2/19/16

### Section 4. Preliminary Application Approval (DEC)

DEC hereby grants preliminary approval for the installation as described above. Final approval shall be subject to satisfactory completion of application and interconnection equipment meets all applicable regulations.

Approved by:

Tom Wright

Digitally signed by Tom Wright  
DN: cn=Tom Wright, o=Delaware  
Electric Coop,  
email=twright@decoop.com, c=US  
Date: 2016.03.03 09:53:52 -0500

Date:

3/3/16



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Q.PRO G4/SC 43 Total Installed Out Power Rating in kW: 11.40

**INVERTER** Manufacturer, Model Name & Number (if used): ABB

PVI-5000-OUTD-US-Z-A-RGM PVI-5000-OUTD-US-Z-A-RGM 2 Rating in kW: 10.00 kW

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Name (print): Morris Bosin

Signed (Applicant): *Morris Bosin* Date: 2/19/16

### **Section 4. Preliminary Application Approval (DEC)**

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Approved by: Tom Wright

Digitally signed by Tom Wright  
DN: cn=Tom Wright, o=Delaware  
Electric Coop,  
email=twright@decoop.com, c=US  
Date: 2016.03.03 09:53:52 -05'00'

Date: 3/3/16



**Section 5: Installation Details**

Generating System will be installed by: Owner ☐ State Licensed Electrician ☒

Installing Electrician: \_\_\_\_\_ Firm: SOLARCITY CORPORATION License No.: \_\_\_\_\_

Mailing Address: 6611 Las Vegas Blvd S #200

City: Las Vegas State: NV Zip Code: 89119

Telephone: Area Code: 888 Number: 765-2489

Installation Date: 9/2/2016

Supply certification that the generating system has been installed and inspected in compliance with the local Building/Electrical code of the municipality of Ocean View, DE.

Signed (Inspector): Please see attached Inspection Certificate Date: \_\_\_\_\_  
(In lieu of signature of Inspector, a copy of the final inspection certificate may be attached)

**Section 6: Applicant Signature**

I hereby certify that, to the best of my knowledge, all the information provided in the Interconnection Application is true and correct. I also agree to install a Warning Label provided on or near my service meter location. **The system can only be activated upon FINAL Approval by DEC.**

Name (print): Morris Bosin

Signed (Applicant): *Morris Bosin* Date: 2/19/16

**Send the completed application to: Delaware Electric, Attn. Tom Wright, P.O. Box 600, Greenwood, Delaware 19950. Email [twright@decoop.com](mailto:twright@decoop.com), Phone: (302) 349 – 3130, Fax (302) 349-5891.**

**Sections Below for Delaware Electric Use Only**

**Section 7: FINAL Approval or Non-Approval**

Name: \_\_\_\_\_ Account No. \_\_\_\_\_

Inspected By: \_\_\_\_\_ Date: \_\_\_\_\_

Delaware Electric Co-op: ☒ Has Approved ☐ Has Not Approved this Interconnection Application.

Signature: Tom Wright Date: 4/27/16

Reason of Not Approving: \_\_\_\_\_

**Approval to connect to the Cooperative system indicates only that the minimum requirements for a safe proper interconnection have been satisfied. Such approval does not imply that the Generator Owner's facility meets all federal, state and local standards or regulations.**



## MIDDLE DEPARTMENT INSPECTION AGENCY, INC.

*Certifies* that the electrical wiring to the electrical equipment listed below has been examined and is approved as being in accord with the National Electrical Code, applicable governmental, utility and Agency rules in effect on the date noted below and is issued subject to the following conditions.

Owner: Bosin

Date: 03/30/2016

Occupant: SFD

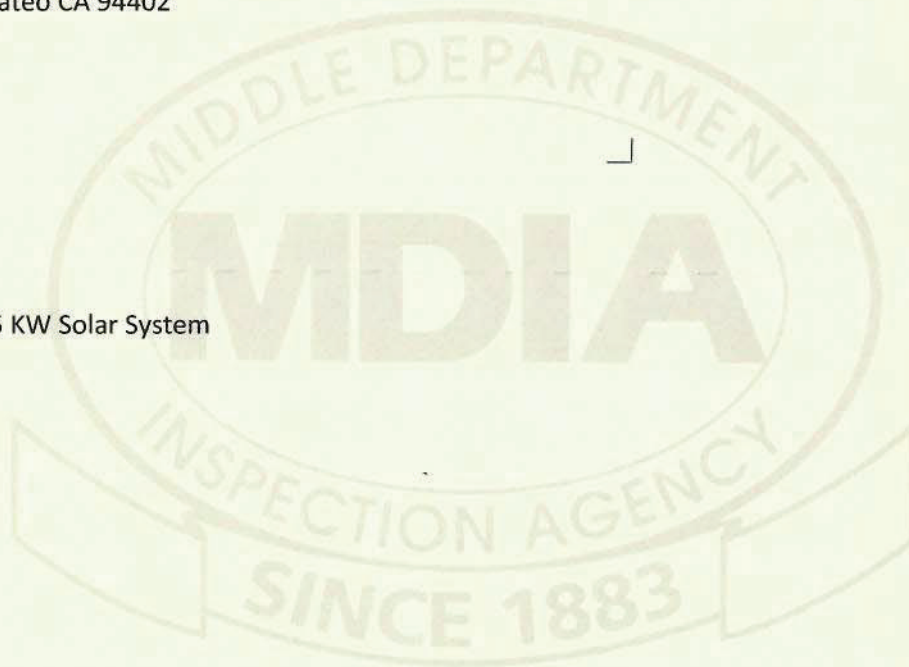
Location: 30745 Redtail Ct  
Ocean View DE

Occupancy: Solar City

Applicant: 3055 Clearview Way  
San Mateo CA 94402

No.

Equipment: 11.395 KW Solar System



This certificate applies to the electrical wiring to the electrical equipment listed above and the installation inspected as of the above noted date based on a visual inspection. No warranty is expressed or implied as to the mechanical safety, efficiency or fitness of the equipment for any particular purpose. This certificate shall be valid for a period of one year from the above noted date. Should the electrical system to which this certificate applies be altered in any way, including but not limited to, the introduction of additional electrical equipment and/or the replacement of any of the components installed as of the above noted date, this certificate shall be

immediately null and void. This certificate applies only to the use, occupancy and ownership as indicated herein. Upon a change in the use, occupancy or ownership of the property indicated above, this certificate shall be immediately null and void. In the event that this certificate becomes invalid based upon the above conditions, this certificate may be revalidated upon reinspection by Middle Department Inspection Agency, Inc. An application for inspection must be submitted to Middle Department Inspection Agency, Inc. to initiate the inspection and revalidation process. A fee will be charged for this service.